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Letter to the Editor

Comment on "Dynamic response to heat – a novel physical characteristic of breast cancer"

Song et al.¹ report very interesting findings regarding dynamic thermal response of breast cancers. As authors discuss, this finding requires further investigations in other solid tumours and breast cancer for potential clinical applications. One such area for potential clinical application and in need of rather urgent investigation is oesophageal adenocarcinoma and Barrett's oesophagus. Incidence of oesophageal adenocarcinoma is rising rapidly² and the accuracy of endoscopic biopsy, even with newer techniques,^{3,4} is limited in a common premalignant condition of Barrett's oesophagus.⁵ No doubt that further investigation to optimise hot air temperature and duration of heating will be required; but this novel finding raises a distinct possibility of improving accuracy of endoscopic biopsy in Barrett's oesophagus while simultaneously overcoming some of the associated difficulties (like magnification required) of these newer techniques.^{3,4}

Conflict of interest
None to declare.

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